

OIPA
JUL 03 2003
UTILITY PATENT APPLICATION TRANSMITTAL

(New Nonprovisional Applications Under 37 CFR § 1.53(b))

Attorney Docket No.
GEMS8081.160**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**Transmitted herewith is the patent application of () application identifier or (X) first named inventor, Fast Spin Echo with a Modulated Angle Refocussing Train, for a(n):

(X) Original Patent Application.
() Continuing Application (prior application not abandoned):
 () Continuation () Divisional () Continuation-in-part (CIP)
 of prior application No: _____ Filed on: _____
() A statement claiming priority under 35 USC § 120 has been added to the specification.

Enclosed are:

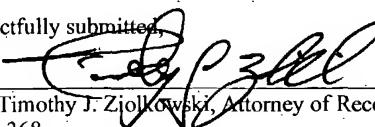
(X) Specification; 16 Total Pages. (X) Drawing(s); 3 Total Sheets.
(X) Oath or Declaration:
 (X) A Newly Executed Combined Declaration and Power of Attorney:
 (X) Signed. () Unsigned. () Partially Signed.
 () A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)).
 () Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the
 oath or declaration is supplied, is considered as being part of the disclosure of the accompanying
 application and is hereby incorporated herein by reference.
 () Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)).
() Power of Attorney. (X) Return Receipt Postcard.
() Associate Power of Attorney. () A Check in the amount of \$ _____ for the Filing Fee.
() Preliminary Amendment. (X) Information Disclosure Statement and Form PTO-1449.
() A Duplicate Copy of this Form for Processing Fee Against Deposit Account.
() A Certified Copy of Priority Documents (if foreign priority is claimed).
() Applicant claims small entity status.
() Other: _____

15735 U.S. PTO
10/612596
07/02/03

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	23	3	\$18.00	\$ 54.00
Independent Claims	3	0	\$84.00	\$ 0.00
Multiple Dependent Claims (if applicable)				
Assignment Recording Fee				
Basic Filing Fee				
				\$750.00
				Total Filing Fee \$ 804.00

Charge \$ 804.00 to Deposit Account 07-0845 pursuant to 37 CFR § 1.25. At any time during the pendency of this application, please charge any fees required or credit any overpayment to this Deposit Account.

Respectfully submitted,

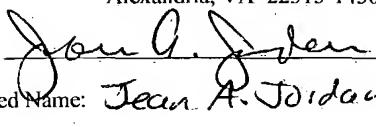
By: 
Timothy J. Ziolkowski, Attorney of Record, Reg.
No.38,368
Date: July 2, 2003

Correspondence Address:

Ziolkowski Patent Solutions Group, LLC
14135 North Cedarburg Road
Mequon, WI 53097
Phone: 2623765170
Fax: 2623762994

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

Commissioner for Patents
Box Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

By: 
Typed Name: Jean A. Jordan
Express Mail Label No.: EV317000135US

Date of Deposit: July 2, 2003